describing synthesis of contents data and an input of second contents data; and a synthesis processing portion synthesizing the input first contents data with the input second contents data, based on the synthesizing script included in the input first contents data, and an attribute determining portion determining an attribute of the

5   second contents data; wherein the synthesizing script includes scripts corresponding to a plurality of attributes of the contents data respectively; and the synthesis processing portion synthesizes the input first contents data with the input second contents data, based on the script corresponding to the determined attribute.

According to the present invention, the contents synthesizing apparatus receives

10   inputs of the first contents data including a synthesizing script describing synthesis of contents data and the second contents data, and based on the synthesizing script included in the input first contents data, the input first contents data is synthesized with the input second contents data. Therefore, the synthesizing process is controlled by the synthesizing script included in the first contents data. Further, as the synthesizing

15   script is included in the first contents data, it is unnecessary to newly prepare the synthesizing script when the first contents data is to be synthesized with the second contents data. As a result, a contents synthesizing apparatus can be provided that enables control of the synthesizing process from the side of the contents data and eliminates the necessity of newly preparing the synthesizing script required for

20   synthesizing contents data. Further, the attribute of the second contents data is determined by the contents synthesizing apparatus, and based on the script corresponding to the determined attribute included in the synthesizing script included in the first contents data, the first contents data is synthesized with the second contents data. Therefore, the synthesizing process is controlled by the script corresponding to

25   the attribute of the second contents data. As a result, the synthesizing process can be

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controlled from the side of the contents data, and the synthesizing process appropriate for the attribute of contents data becomes possible.

According to another aspect, the present invention provides a contents synthesizing apparatus, including: an input receiving portion receiving an input of first contents data including a synthesizing script describing synthesis of contents data and an input of second contents data; a synthesis processing portion synthesizing the input first contents data with the input second contents data, based on the synthesizing script included in the input first contents data, and a time obtaining portion for obtaining current time; wherein the synthesizing script includes scripts corresponding to time of synthesis by the synthesis processing portion; and the synthesis processing portion synthesizes the input first contents data with the input second contents data, based on the script corresponding to the obtained current time.

According to the present invention, the contents synthesizing apparatus receives inputs of the first contents data including a synthesizing script describing synthesis of contents data and the second contents data, and based on the synthesizing script included in the input first contents data, the input first contents data is synthesized with the input second contents data. Therefore, the synthesizing process is controlled by the synthesizing script included in the first contents data. Further, as the synthesizing script is included in the first contents data, it is unnecessary to newly prepare the synthesizing script when the first contents data is to be synthesized with the second contents data. As a result, a contents synthesizing apparatus can be provided that enables control of the synthesizing process from the side of the contents data and eliminates the necessity of newly preparing the synthesizing script required for synthesizing contents data. Further, the contents synthesizing apparatus obtains the current time, and based on the script corresponding to the obtained current time included in the synthesizing script of the first contents data, the first contents data is synthesized with the second contents data. Therefore, the synthesizing process is controlled by the script corresponding to the time of synthesis. As a result, the synthesizing process can be controlled from the side of the contents data, and the

synthesizing process appropriate for the time of synthesizing the contents data becomes possible.

According to a still further aspect, the present invention provides a contents synthesizing apparatus, including: an input receiving portion receiving an input of first contents data including a synthesizing script describing synthesis of contents data and an input of second contents data; a synthesis processing portion synthesizing the input first contents data with the input second contents data, based on the synthesizing script included in the input first contents data, and a position obtaining portion obtaining a current position of the contents synthesizing apparatus; wherein the synthesizing script includes scripts corresponding to positions; and the synthesis processing portion synthesizes the input first contents data with the input second contents data, based on the script corresponding to the obtained current position.

According to the present invention, the contents synthesizing apparatus receives inputs of the first contents data including a synthesizing script describing synthesis of contents data and the second contents data, and based on the synthesizing script included in the input first contents data, the input first contents data is synthesized with the input second contents data. Therefore, the synthesizing process is controlled by the synthesizing script included in the first contents data. Further, as the synthesizing script is included in the first contents data, it is unnecessary to newly prepare the synthesizing script when the first contents data is to be synthesized with the second contents data. As a result, a contents synthesizing apparatus can be provided that enables control of the synthesizing process from the side of the contents data and eliminates the necessity of newly preparing the synthesizing script required for synthesizing contents data. Further, the contents synthesizing apparatus obtains the current position of the contents synthesizing apparatus, and based on the script corresponding to the obtained current position included in the synthesizing script of the first contents data, the first contents data is synthesized with the second contents data. Therefore, the synthesizing process is controlled by the script corresponding to the place of synthesis. As a result, the synthesizing process can be controlled from the

side of the contents data, and the synthesizing process appropriate for the place of synthesizing the contents data becomes possible.

According to a still further aspect, the present invention provides a contents synthesizing apparatus, including: an input receiving portion receiving an input of first contents data including a synthesizing script describing synthesis of contents data and an input of second contents data; and a synthesis processing portion synthesizing the

5   input first contents data with the input second contents data, based on the synthesizing script included in the input first contents data, wherein the synthesizing script includes another synthesizing script; and the apparatus further includes a portion adding said another synthesizing script to the synthesized contents data.

According to the present invention, the contents synthesizing apparatus receives

10   inputs of the first contents data including a synthesizing script describing synthesis of contents data and the second contents data, and based on the synthesizing script included in the input first contents data, the input first contents data is synthesized with the input second contents data. Therefore, the synthesizing process is controlled by the synthesizing script included in the first contents data. Further, as the synthesizing

15   script is included in the first contents data, it is unnecessary to newly prepare the synthesizing script when the first contents data is to be synthesized with the second contents data. As a result, a contents synthesizing apparatus can be provided that enables control of the synthesizing process from the side of the contents data and eliminates the necessity of newly preparing the synthesizing script required for

20   synthesizing contents data. Further, the contents synthesizing apparatus adds another synthesizing script included in the synthesizing script to the synthesized contents data. Therefore, the synthesizing process can be controlled from the side of the newly synthesized data.

According to a still further aspect, the present invention provides a contents

25   synthesizing apparatus, including: an input receiving portion receiving an input of first contents data including a synthesizing script describing synthesis of contents data and an input of second contents data; and a synthesis processing portion synthesizing the input first contents data with the input second contents data, based on the synthesizing script

included in the input first contents data, wherein the synthesizing script includes location information indicating location of another synthesizing script; and the apparatus further includes: an obtaining portion obtaining another synthesizing script indicated by the location information; and an adding portion adding the obtained

5   another synthesizing script to the synthesized contents data.

According to the present invention, the contents synthesizing apparatus receives inputs of the first contents data including a synthesizing script describing synthesis of contents data and the second contents data, and based on the synthesizing script included in the input first contents data, the input first contents data is synthesized with

10   the input second contents data. Therefore, the synthesizing process is controlled by the synthesizing script included in the first contents data. Further, as the synthesizing script is included in the first contents data, it is unnecessary to newly prepare the synthesizing script when the first contents data is to be synthesized with the second contents data. As a result, a contents synthesizing apparatus can be provided that

15   enables control of the synthesizing process from the side of the contents data and eliminates the necessity of newly preparing the synthesizing script required for synthesizing contents data. Further, the contents synthesizing apparatus obtains another synthesizing script indicated by the location information included in the synthesizing script representing the location of the said another synthesizing script, and

20   the obtained another synthesizing script is added to the synthesized contents data. Therefore, the synthesizing process can be controlled from the side of the newly synthesized contents data.____

According to a still further aspect, the present invention provides a contents synthesizing apparatus, including: an input receiving portion receiving an input of first contents data including a synthesizing script describing synthesis of contents data and an input of second contents data; and a synthesis processing portion synthesizing the

5   input first contents data with the input second contents data, based on the synthesizing script included in the input first contents data, wherein the first contents data includes a key frame defining a frame of animation data; the second contents data is data that can be included in the key frame; and the synthesizing script includes a script describing that prescribed data included in the key frame of the first contents data should be

10   changed to the second contents data.

According to the present invention, the contents synthesizing apparatus receives inputs of the first contents data including a synthesizing script describing synthesis of contents data and the second contents data, and based on the synthesizing script included in the input first contents data, the input first contents data is synthesized with

15   the input second contents data.   Therefore, the synthesizing process is controlled by the synthesizing script included in the first contents data.   Further, as the synthesizing script is included in the first contents data, it is unnecessary to newly prepare the synthesizing script when the first contents data is to be synthesized with the second contents data.   As a result, a contents synthesizing apparatus can be provided that

20   enables control of the synthesizing process from the side of the contents data and eliminates the necessity of newly preparing the synthesizing script required for synthesizing contents data.   Further, by the contents synthesizing apparatus, based on the synthesizing script including a script describing that prescribed data included in a key frame of the first contents data should be changed to the second contents data, the

25   prescribed data included in the key frame of the input first contents data is changed to the input second contents data.   Therefore, by the synthesizing script included in the first contents data, the synthesizing process of changing the prescribed data included in the first contents data to the second contents data can be controlled.   As a result, the synthesizing process of changing to other contents data can be

controlled from the side of the contents data.

According to a still further aspect, the present invention provides a contents synthesizing apparatus, including: an input receiving portion receiving an input of first contents data including a synthesizing script describing synthesis of contents data and an input of second contents data; and a synthesis processing portion synthesizing the input first contents data with the input second contents data, based on the synthesizing script included in the input first contents data, wherein the synthesizing script includes a script describing that a prescribed portion of the first contents data should be deleted.

According to the present invention, the contents synthesizing apparatus receives inputs of the first contents data including a synthesizing script describing synthesis of contents data and the second contents data, and based on the synthesizing script included in the input first contents data, the input first contents data is synthesized with the input second contents data. Therefore, the synthesizing process is controlled by the synthesizing script included in the first contents data. Further, as the synthesizing script is included in the first contents data, it is unnecessary to newly prepare the synthesizing script when the first contents data is to be synthesized with the second contents data. As a result, a contents synthesizing apparatus can be provided that enables control of the synthesizing process from the side of the contents data and eliminates the necessity of newly preparing the synthesizing script required for synthesizing contents data. Further, by the contents synthesizing apparatus, based on the synthesizing script including a script describing that a prescribed portion of the first contents data should be deleted, the prescribed portion of the input first contents data is deleted. Therefore, by the synthesizing script included in the first contents data, the synthesizing process of deleting the prescribed portion included in the first contents data can be controlled. As a result, the synthesizing process of deleting a prescribed portion of the contents data can be controlled from the side of the contents data.

According to a still further aspect, the present invention provides a contents synthesizing apparatus, including: an input receiving portion receiving an input of first contents data including location information indicating location of a synthesizing script

describing synthesis of contents data and an input of second contents data; obtaining portion obtaining a synthesizing script indicated by the location information included in the input first contents data; and a synthesis processing portion synthesizing the input first contents data with the input second contents data, based on the obtained

5   synthesizing script.

According to the present invention, the contents synthesizing apparatus receives inputs of the first contents data including location information indicating location of the synthesizing script describing synthesis of contents data and the second contents data; the synthesizing script indicated by the location information included in the input first

10   contents data is obtained; and based on the obtained synthesizing script, the input first contents data is synthesized with the input second contents data.   Therefore, by the synthesizing script included in the first contents data, the synthesizing process is controlled.   Further, as the first contents data includes the location information of the synthesizing script, it is unnecessary to newly prepare the synthesizing script when the

first contents data is to be synthesized with the second contents data. As a result, a contents synthesizing apparatus can be provided that enables control of the synthesizing process from the side of the contents data and eliminates the necessity of newly preparing the synthesizing script required for synthesizing contents data.

5   Preferably, the synthesizing script includes location information indicating location of another synthesizing script; and the obtaining portion further obtains another synthesizing script indicated by the location information; and the apparatus further includes an adding portion having the obtained another synthesizing script included in the synthesized contents data.

10   According to the present invention, the contents synthesizing apparatus obtains another synthesizing script indicated by the location information included in the synthesizing script indicating location of another synthesizing script, and the thus obtained another synthesizing script is added to the synthesized contents data. Therefore, the synthesizing process can be controlled from the side of the newly

15 synthesized contents data.___

_____According to a still further aspect, the present invention provides a contents synthesizing method of synthesizing contents by a computer, including the steps of: receiving an input of first contents data including location information indicating

location of a synthesizing script and an input of second contents data; obtaining the synthesizing script indicated by the location information included in the input first contents data; and synthesizing the input first contents data with the input second contents data, based on the obtained synthesizing script.

5   According to the present invention, a method of synthesizing contents that enables control of the synthesizing process from the side of the contents data and that eliminates the necessity of newly preparing the synthesizing script required for synthesizing contents data can be provided.__

_____According to a still further aspect, the present invention provides a contents

10   synthesizing program, causing a computer to execute the steps of receiving an input of first contents data including location information indicating location of a synthesizing script and an input of second contents data; obtaining the synthesizing script indicated by the location information included in the input first contents data; and synthesizing the input first contents data with the input second contents data, based on the obtained

15   synthesizing script.

       According to the present invention, a contents synthesizing program and a computer readable recording medium having the contents synthesizing program recorded thereon that enable control of the synthesizing process from the side of the

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CLAIMS

1.   (Cancelled)

2.   (Amended) <u>A contents synthesizing apparatus (100A), comprising:</u>

<u>an input receiving portion (111) receiving an input of first contents data (10)</u> <u>including a synthesizing script describing synthesis of contents data and an input of</u> <u>second contents data (20);</u>

<u>a synthesis processing portion (112) synthesizing said input first contents data</u> <u>with said input second contents data, based on the synthesizing script included in said</u> <u>input first contents data; and</u>

an attribute determining portion (113) determining an attribute of said second contents data; wherein

said synthesizing script includes scripts corresponding to a plurality of attributes of the contents data respectively; and

said synthesis processing portion synthesizes said input first contents data with said input second contents data, based on the script corresponding to said determined attribute.

3.   (Amended) <u>A contents synthesizing apparatus (100B), comprising:</u>

<u>an input receiving portion (111) receiving an input of first contents data (10)</u> <u>including a synthesizing script describing synthesis of contents data and an input of</u> <u>second contents data (20);</u>

<u>a synthesis processing portion (112) synthesizing said input first contents data</u> <u>with said input second contents data, based on the synthesizing script included in said</u> <u>input first contents data; and</u>

a time obtaining portion (114) for obtaining current time; wherein

said synthesizing script includes scripts corresponding to time of synthesis by said synthesis processing portion; and

said synthesis processing portion synthesizes said input first contents data with

said input second contents data, based on the script corresponding to the obtained current time.

4.   (Amended) A contents synthesizing apparatus (100C), comprising:

an input receiving portion (111) receiving an input of first contents data (10) including a synthesizing script describing synthesis of contents data and an input of second contents data (20);

a synthesis processing portion (112) synthesizing said input first contents data with said input second contents data, based on the synthesizing script included in said input first contents data; and

a position obtaining portion (115) obtaining a current position of said contents synthesizing apparatus; wherein

said synthesizing script includes scripts corresponding to positions; and

said synthesis processing portion synthesizes said input first contents data with said input second contents data, based on the script corresponding to the obtained current position.

5.   (Amended) A contents synthesizing apparatus, comprising:

an input receiving portion (111) receiving an input of first contents data (10) including a synthesizing script describing synthesis of contents data and an input of second contents data (20); and

a synthesis processing portion (112) synthesizing said input first contents data with said input second contents data, based on the synthesizing script included in said input first contents data; wherein

said synthesizing script includes another synthesizing script;

said apparatus further comprising

adding portion (S53) adding said another synthesizing script to said synthesized contents data.

6.   (Amended) <u>A contents synthesizing apparatus, comprising:</u>

<u>an input receiving portion (111) receiving an input of first contents data (10)</u> <u>including a synthesizing script describing synthesis of contents data and an input of</u> <u>second contents data (20); and</u>

5   <u>a synthesis processing portion (112) synthesizing said input first contents data</u> <u>with said input second contents data, based on the synthesizing script included in said</u> <u>input first contents data;</u> wherein

said synthesizing script includes location information indicating location of another synthesizing script;

10   said apparatus further comprising:

an obtaining portion (116) obtaining another synthesizing script indicated by said location information; and

an adding portion (S53) adding said obtained another synthesizing script to said synthesized contents data.

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7.   (Cancelled)

8.   (Cancelled)

20   9.   (Amended) <u>A contents synthesizing apparatus, comprising:</u>

<u>an input receiving portion (111) receiving an input of first contents data (10)</u> <u>including a synthesizing script describing synthesis of contents data and an input of</u> <u>second contents data (20); and</u>

<u>a synthesis processing portion (112) synthesizing said input first contents data</u>
25   <u>with said input second contents data, based on the synthesizing script included in said</u> <u>input first contents data;</u> wherein

said first contents data (1E) includes a key frame defining a frame of animation data;

said second contents data (2E) is data that can be included in said key frame;

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and

said synthesizing script includes a script describing that prescribed data included in the key frame of said first contents data should be changed to said second contents data.

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10.   (Amended) <u>A contents synthesizing apparatus, comprising:</u>

<u>an input receiving portion (111) receiving an input of first contents data (10) including a synthesizing script describing synthesis of contents data and an input of second contents data (20); and</u>

10

<u>a synthesis processing portion (112) synthesizing said input first contents data with said input second contents data, based on the synthesizing script included in said input first contents data;</u> wherein

said synthesizing script includes a script describing that a prescribed portion of said first contents data (1G) should be deleted.

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11.   A contents synthesizing apparatus (100D), comprising:

an input receiving portion (111) receiving an input of first contents data (10) including location information indicating location of a synthesizing script (40) describing synthesis of contents data and an input of second contents data (20);

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obtaining portion (116) obtaining a synthesizing script indicated by the location information included in said input first contents data; and

a synthesis processing portion (112D) synthesizing said input first contents data with said input second contents data, based on said obtained synthesizing script.

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12.   The contents synthesizing apparatus according to claim 11, wherein

said synthesizing script includes location information indicating location of another synthesizing script; and

said obtaining portion further obtains another synthesizing script indicated by said location information;

said apparatus further comprising

an adding portion (S53) adding said obtained another synthesizing script to said synthesized contents data.

5   13.   (Cancelled)

14.   A contents synthesizing method of synthesizing contents by a computer, comprising the steps of:

receiving an input of first contents data including location information
10   indicating location of a synthesizing script and an input of second contents data (S11);

obtaining the synthesizing script indicated by the location information included in said input first contents data (S62); and

synthesizing said input first contents data with said input second contents data, based on said obtained synthesizing script (S63).

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15.   (Cancelled)

16.   A contents synthesizing program, causing a computer to execute the steps of:

20   receiving an input of first contents data including location information
indicating location of a synthesizing script and an input of second contents data (S11);

obtaining the synthesizing script indicated by the location information included in said input first contents data (S62); and

synthesizing said input first contents data with said input second contents data,
25   based on said obtained synthesizing script (S63).

17.   (Cancelled)

18.   A computer readable recording medium recording a contents synthesizing

program, causing a computer to execute the steps of:

receiving an input of first contents data including location information indicating location of a synthesizing script and an input of second contents data (S11);

obtaining the synthesizing script indicated by the location information included

5   in said input first contents data (S62); and

synthesizing said input first contents data with said input second contents data, based on said obtained synthesizing script (S63).

19.   A data structure of contents data (10), comprising

10   contents data, and a synthesizing script used when a synthesizing process of synthesizing said contents data with another contents data is executed by a computer.

20.   The data structure of contents data (1C) according to claim 19, wherein said contents data and said another contents data include key frames defining

15   frames of animation data; and

said synthesizing script includes a script describing that a key frame included in said another contents data should be added to a prescribed portion of said contents data.

21.   The data structure of contents data (1E) according to claim 19, wherein

20   said contents data includes a key frame defining a frame of animation data;

said another contents data is data that can be included in said key frame; and

said synthesizing script includes a script describing that prescribed data included in the key frame of said contents data should be changed to said another contents data.

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22.   The data structure of contents data (1G) according to claim 19, wherein said synthesizing script includes a script describing that a prescribed portion of said contents data should be deleted.

23. A computer readable recording medium recording contents data (10) of a data structure including contents data, and a synthesizing script used when a synthesizing process of synthesizing said contents data with another contents data is executed by a computer.

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24. A computer readable recording medium recording contents data (1C) having the data structure according to claim 23, wherein

said contents data and said another contents data include key frames defining frames of animation data; and

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said synthesizing script includes a script describing that a key frame included in said another contents data should be added to a prescribed portion of said contents data.

25. A computer readable recording medium recording contents data (1E) having the data structure according to claim 23, wherein

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said contents data includes a key frame defining a frame of animation data;

said another contents data is data that can be included in said key frame; and

said synthesizing script includes a script describing that prescribed data included in the key frame of said contents data should be changed to said another contents data.

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26. A computer readable recording medium recording contents data (1G) having the data structure according to claim 23, wherein

said synthesizing script includes a script describing that a prescribed portion of said contents data should be deleted.

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